

Horticulture

Michigan maintained its third place national ranking in value of wholesale sales of floriculture products in 2010, behind California and Florida. Reports from Michigan's 625 commercial growers (\$10K or more in gross sales) showed an estimated wholesale value of \$402.7 million for all surveyed floriculture crops, up 2 percent from last year's figure. This estimate includes summarized sales data as reported by growers with \$100K or more in sales plus a calculated wholesale value of sales for operations with sales from \$10K to \$99,999.

The leading crop category breakdowns for Michigan operations with more than \$100K in sales were:

- First, **annual bedding/garden plants** with \$203.9 million in sales.
- Second, **propagative materials** with \$78.6 million in sales.
- Third, **herbaceous perennial plants** with \$57.4 million in sales.
- Fourth, **potted flowering plants** with \$31.8 million in sales.

Michigan leads the nation in value of sales for 10 floriculture crops:

- **Impatiens (flats)** with 2.1 million flats sold, valued at \$14.6 million.
- **Begonia Hanging Baskets** with 386,000 baskets sold, valued at \$2.4 million.

- **Geraniums (flats) (seeds)** with 174,000 flats sold, valued at \$1.7 million.
- **Geranium Hanging Baskets (cuttings)** with 768,000 baskets sold, valued at \$5.5 million.
- **Impatiens Hanging Baskets** with 540,000 sold, valued at \$3.0 million.
- **Petunias (flats)** with 1.8 million sold, valued at \$14.4 million.
- **Petunias Hanging Baskets** with 1.3 million baskets sold, valued at \$6.6 million.
- **Potted Easter Lillies** with 1.6 million pots sold, valued at \$5.9 million.
- **Potted Geraniums (seed)** with 11.8 million pots sold, valued at \$11.7 million.
- **Potted Petunias** with 4.0 million pots sold, valued at \$6.8 million.

Total covered area for all operations in the state was 48.1 million square feet. This includes both rigid and film plastic greenhouses, glass greenhouses, shade, and temporary cover. Only California and Florida had more total cover.

Floriculture crops: Number of growers by gross value of sales, 2006-2010

Year	\$10,000-\$19,999	\$20,000-\$39,000	\$40,000-\$49,000	\$50,000-\$99,999	\$100,000-\$499,999	\$500,000 or more	Total growers
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>Number</i>
2006	60	83	42	154	193	139	671
2007	39	77	43	155	176	138	628
2008	84	111	46	160	181	138	720
2009	103	96	42	116	199	128	684
2010	59	85	38	127	179	137	625

Floriculture crops: Growing area by type of cover, 2006-2010

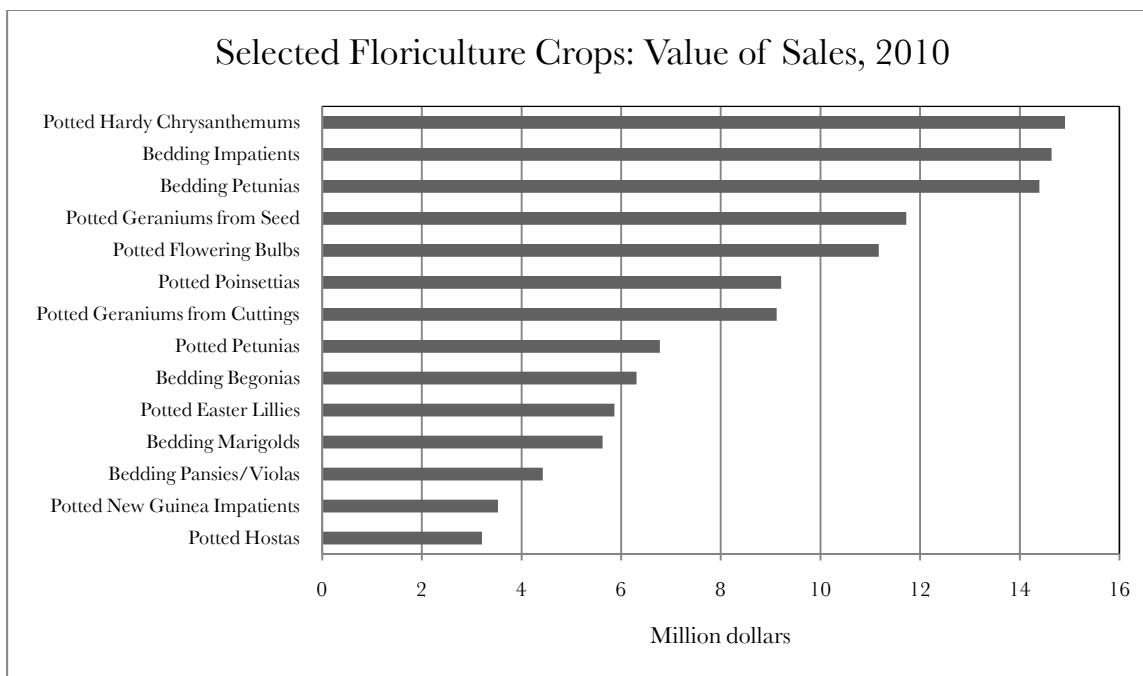
Year	Glass greenhouses	Fiberglass and other rigid greenhouses	Plastic film greenhouses	Total greenhouse cover	Shade and temporary cover	Total covered area	Open ground
	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>1,000 square feet</i>	<i>Acres</i>
2006	4,149	5,684	37,364	47,197	1,170	48,367	3,484
2007	3,751	4,495	38,746	46,992	1,091	48,038	4,058
2008	3,922	4,953	38,064	46,939	1,054	47,993	4,004
2009	3,738	5,246	40,082	49,066	1,155	50,221	5,233
2010	3,252	5,014	38,041	46,307	1,833	48,140	3,204

Floriculture crops: Wholesale value of sales by category, 2006-2010

Year	Total cut flowers	Total potted flowering plants	Total foliage for indoor or patio use	Total bedding/garden plants	Total wholesale value of reported crops	Expanded wholesale value of reported crops ¹
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
2006	6,608	33,329	4,504	239,301	364,132	380,500
2007	7,487	35,043	3,605	257,325	387,040	405,760
2008	(²)	32,872	3,085	256,165	375,744	393,500
2009	9,021	30,920	8,702	248,217	380,171	394,145
2010	9,540	31,759	7,833	261,301	389,006	402,689

¹ Wholesale value of sales as reported by growers with \$100,000 or more in sales of floriculture crops plus a calculated wholesale value of sales for growers with sales below \$100,000. The value of sales for growers below the \$100,000 level was estimated by multiplying the number of growers in each size group by the midpoint of each dollar range.

² Not published to avoid disclosure of individual operations.



Bedding plants: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	Number	1,000 flats	Percent	Dollars	1,000 dollars
Begonias					
2006	218	922	86	7.51	6,924
2007	206	821	86	7.43	6,100
2008	205	827	86	7.44	6,153
2009	219	891	84	7.53	6,709
2010	196	856	87	7.37	6,309
Geraniums from cuttings					
2006	13	185	72	7.91	1,463
2007	11	67	18	10.29	689
2008	12	60	11	12.96	778
2009	17	60	43	16.93	1,016
2010	14	43	78	15.48	666
Geraniums from seed					
2006	33	55	87	11.80	649
2007	25	48	82	12.87	618
2008	22	48	78	11.90	571
2009	32	52	65	11.38	592
2010	25	174	89	10.02	1,743
Impatiens					
2006	224	2,128	86	7.17	15,258
2007	220	2,088	88	7.29	15,222
2008	220	1,932	87	7.22	13,949
2009	221	1,936	86	7.40	14,326
2010	205	2,115	87	6.92	14,636
Marigolds					
2006	227	753	85	7.31	5,504
2007	216	723	86	7.54	5,451
2008	213	705	86	7.35	5,182
2009	220	810	88	7.59	6,148
2010	204	766	89	7.35	5,630
New Guinea Impatiens					
2006	22	71	85	10.23	726
2007	15	43	48	8.34	359
2008	18	34	68	8.36	284
2009	31	53	83	7.50	398
2010	22	42	79	7.12	299
Pansies/Violas					
2006	203	813	87	6.85	5,569
2007	194	711	90	7.15	5,084
2008	194	629	90	7.53	4,736
2009	201	587	90	7.16	4,203
2010	185	645	92	6.86	4,425
Petunias					
2006	239	1,592	86	7.48	11,908
2007	228	1,457	87	7.49	10,913
2008	228	1,476	87	7.46	11,011
2009	233	1,537	86	7.82	12,019
2010	221	1,795	90	8.02	14,396
Other flowering and foliar					
2006	232	3,956	88	7.64	30,224
2007	225	3,389	89	7.65	25,926
2008	209	2,927	86	7.28	21,309
2009	210	2,482	86	7.68	19,062
2010	203	2,970	86	7.33	21,770
Vegetables ²					
2006	188	644	73	7.98	5,139
2007	173	726	84	7.80	5,663
2008	168	696	82	8.14	5,665
2009	143	844	86	7.78	6,556
2010	165	997	85	7.52	7,497

¹ Not published to avoid disclosure of individual operations.

² Does not include vegetable transplants grown for commercial use.

Hanging baskets: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold	Percent of sales at wholesale	Wholesale price	Value of sales at wholesale
	Number	1,000 baskets	Percent	Dollars	1,000 dollars
Begonias					
2006	166	473	89	5.62	2,658
2007	170	447	88	5.31	2,374
2008	161	365	88	6.00	2,190
2009	166	357	87	5.93	2,117
2010	157	386	89	6.31	2,436
Geraniums from cuttings					
2006	210	734	81	6.73	4,940
2007	208	776	78	6.57	5,098
2008	205	613	79	7.04	4,316
2009	202	598	80	7.45	4,455
2010	193	768	85	7.20	5,530
Geraniums from seed					
2006	23	71	98	5.98	425
2007	23	61	97	5.54	338
2008	24	40	89	5.97	239
2009	34	79	93	7.13	563
2010	22	71	97	7.23	513
Impatiens					
2006	186	655	89	5.28	3,458
2007	188	721	91	4.81	3,468
2008	187	568	90	5.28	2,999
2009	176	514	86	5.44	2,796
2010	173	540	91	5.50	2,970
Marigolds					
2006	6	12	100	3.31	40
2007	(¹)	(¹)	(¹)	(¹)	(¹)
2008	11	24	100	3.69	89
2009	9	24	98	3.90	94
2010	14	17	97	4.22	72
New Guinea Impatiens					
2006	215	713	90	6.52	4,649
2007	209	674	91	6.28	4,233
2008	205	469	87	7.00	3,283
2009	200	455	88	7.04	3,203
2010	178	475	88	6.60	3,135
Pansies/Violas					
2006	38	108	91	4.57	494
2007	43	145	96	5.14	745
2008	45	84	94	5.92	497
2009	43	371	98	4.86	1,803
2010	39	83	94	5.51	457
Petunias					
2006	190	784	90	5.90	4,626
2007	200	808	89	5.40	4,363
2008	206	850	88	5.83	4,956
2009	197	826	86	5.73	4,733
2010	194	1,303	92	5.06	6,593
Other flowering					
2006	197	2,201	88	6.31	13,888
2007	202	2,370	87	6.93	16,424
2008	192	2,068	87	6.99	14,455
2009	187	1,700	87	7.52	12,784
2010	194	2,353	85	7.15	16,824
Foliage					
2006	68	333	89	4.51	1,502
2007	63	214	86	5.52	1,181
2008	59	179	85	5.73	1,026
2009	47	768	97	5.66	4,347
2010	56	766	93	5.68	4,351

¹ Not published to avoid disclosure of individual operations.

Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold			Percent of sales at wholesale	Wholesale price		Value of sales at wholesale
		Less than 5 inch pots	5 inch pots or larger	Total		Less than 5 inch pots	5 inch pots or larger	
	Number	1,000 pots	1,000 pots	1,000 pots	Percent	Dollars	Dollars	1,000 dollars
Azaleas								
2006	22	(¹)	77	77	89	(¹)	7.27	560
2007	17	(¹)	58	58	84	(¹)	7.24	420
2008	17	(¹)	47	47	80	(¹)	7.40	348
2009	11		35	35	94		6.74	236
2010	8	(¹)	13	13	84	(¹)	10.49	136
Begonias								
2006	94	526	72	598	85	1.10	3.34	819
2007	87	1,047	209	1,256	92	0.71	2.63	1,293
2008	99	619	153	772	91	1.28	3.02	1,254
2009	107	561	156	717	88	1.57	3.10	1,364
2010	97	763	235	998	91	1.42	2.71	1,720
Chrysanthemums, florist								
2006	27	38	173	211	85	1.54	3.55	673
2007	22	(¹)	173	173	82	(¹)	3.11	538
2008	20	20	91	111	86	1.72	4.19	416
2009	14	13	38	51	81	1.58	4.83	204
2010	10	7	19	26	96	1.81	5.86	124
Chrysanthemums, hardy garden								
2006	134	620	4,869	5,489	94	1.02	2.23	11,490
2007	131	772	4,154	4,926	94	1.19	2.99	13,339
2008	131	1,020	4,612	5,632	94	1.33	2.58	13,256
2009	135	343	4,582	4,925	93	1.11	2.61	12,340
2010	135	1,329	4,762	6,091	95	1.22	2.79	14,907
Easter Lilies								
2006	43	(¹)	1,168	1,168	97	(¹)	3.88	4,530
2007	33	(¹)	1,131	1,131	98	(¹)	3.88	4,393
2008	33	(¹)	1,116	1,116	98	(¹)	3.86	4,308
2009	33	(¹)	1,541	1,541	98	(¹)	3.77	5,816
2010	25	(¹)	1,573	1,573	99	(¹)	3.73	5,863
Geraniums from cuttings								
2006	219	3,191	1,218	4,409	65	1.84	4.33	11,145
2007	215	2,861	1,352	4,213	69	1.91	4.13	11,048
2008	205	2,654	1,348	4,002	66	1.87	4.09	10,476
2009	211	2,340	1,069	3,409	64	1.97	3.73	8,597
2010	212	2,232	1,526	3,758	72	1.92	3.17	9,123
Geraniums from seed								
2006	97	19,514	9	19,523	99	0.78	9.63	15,308
2007	94	18,328	11	18,339	99	0.79	4.46	14,528
2008	93	18,150	20	18,170	99	0.80	5.97	14,639
2009	93	16,630	65	16,695	98	0.81	4.06	13,734
2010	92	11,556	257	11,813	97	0.91	4.69	11,721
Impatiens								
2006	54	584	89	673	95	0.75	4.31	822
2007	60	698	237	935	91	0.72	1.81	932
2008	61	523	173	696	92	1.34	2.76	1,178
2009	72	570	220	790	92	1.18	1.94	1,099
2010	70	609	206	815	93	1.32	3.05	1,432
Marigolds								
2006	17	(¹)	223	223	98	(¹)	1.77	394
2007	22	207	230	437	97	0.43	2.40	641
2008	20	141	73	214	99	0.88	2.52	308
2009	28	204	98	302	98	0.74	1.72	320
2010	25	128	68	196	99	0.83	1.96	240
New Guinea Impatiens								
2006	178	4,104	267	4,371	94	1.23	4.55	6,263
2007	172	3,954	402	4,356	95	1.33	3.35	6,606
2008	170	3,870	422	4,292	94	1.39	3.34	6,789
2009	181	2,837	517	3,354	93	1.26	2.71	4,976
2010	172	1,936	563	2,499	92	1.23	2.15	3,529

See footnote(s) at end of table.

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Potted flowering and annual bedding plants: Producers, quantity sold, price, and value, 2006-2010 (continued)

Item	Producers	Quantity sold			Percent of sales at wholesale	Wholesale price		Value of sales at wholesale
		Less than 5 inch pots	5 inch pots or larger	Total		Less than 5 inch pots	5 inch pots or larger	
	Number	1,000 pots	1,000 pots	1,000 pots	Percent	Dollars	Dollars	1,000 dollars
Pansies/Violas								
2006	49	1,712	(¹)	1,712	98	1.14	(¹)	1,952
2007	50	1,239	744	1,983	99	0.46	2.20	2,207
2008	48	1,099	389	1,488	99	0.82	2.74	1,967
2009	56	1,035	534	1,569	94	0.61	2.14	1,774
2010	54	1,326	482	1,808	98	0.85	2.29	2,231
Petunias								
2006	90	1,208	991	2,199	90	1.30	2.89	4,434
2007	96	1,441	1,075	2,516	92	0.95	2.87	4,454
2008	104	1,629	860	2,489	94	1.41	3.40	5,221
2009	115	2,327	803	3,130	90	1.31	2.84	5,329
2010	113	2,572	1,480	4,052	95	1.41	2.13	6,779
Poinsettias								
2006	79	530	2,284	2,814	91	1.99	4.54	11,424
2007	72	461	2,221	2,682	92	2.07	5.04	12,148
2008	67	396	1,983	2,379	93	2.13	4.58	9,926
2009	64	593	2,108	2,701	91	1.88	4.55	10,706
2010	54	596	1,786	2,382	95	1.94	4.51	9,211
Roses, florist								
2006	18	76	(¹)	76	93	3.85	(¹)	293
2007	14	(¹)	35	35	86	(¹)	6.05	212
2008	8	(¹)	30	30	96	(¹)	6.56	197
2009	7	(¹)	10	10	69	(¹)	3.53	35
2010	9	(¹)	18	18	83	(¹)	6.67	120
Flowering bulbs								
2006	42	7,472	(¹)	7,472	100	1.29	(¹)	9,669
2007	33	5,909	(¹)	5,909	100	2.08	(¹)	12,308
2008	33	7,733	(¹)	7,733	100	1.56	(¹)	12,063
2009	28	367	1,343	1,710	99	1.77	3.85	5,820
2010	30	6,325	(¹)	6,325	100	1.77	(¹)	11,170
Other flowering plants								
2006	50	1,098	498	1,596	71	1.22	4.86	3,760
2007	39	364	294	658	86	2.08	5.70	2,433
2008	43	536	613	1,149	89	1.47	3.72	3,068
2009	70	872	1,143	2,015	92	1.87	4.24	6,477
2010	38	776	477	1,253	89	1.38	4.55	3,241
Other flowering and foliar type bedding plants								
2006	150	14,966	3,365	18,331	89	1.15	3.54	29,123
2007	146	14,351	3,146	17,497	87	1.41	4.08	33,071
2008	136	12,942	3,795	16,737	89	1.53	3.51	33,122
2009	172	10,915	3,924	14,839	88	1.50	3.75	31,088
2010	154	13,985	5,616	19,601	90	1.55	3.51	41,389
Vegetable type ²								
2006	92	2,858	403	3,261	94	0.56	3.61	3,055
2007	94	6,575	874	7,449	95	0.69	2.35	6,591
2008	98	7,656	882	8,538	96	0.94	2.41	9,322
2009	99	3,330	1,688	5,018	88	0.87	2.56	7,218
2010	113	5,747	1,473	7,220	92	1.02	2.66	9,780

¹ Pot sizes have been combined into category with greatest production to avoid disclosure of individual operations.

² Does not include vegetable transplants grown for commercial use.

Herbaceous perennials: Producers, quantity sold, price, and value, 2006-2010

Item	Producers	Quantity sold				Percent of sales at wholesale	Wholesale price			Value of All sales at wholesale
		Less than 1 gallon	1 to 2 gallon	2 gallon and larger	Total		Less than 1 gallon	1 to 2 gallon	2 gallon and larger	
	<i>Number</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>1,000 pots</i>	<i>percent</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>
Hosta										
2006	113	928	567	59	1,554	90	1.77	3.38	7.52	4,003
2007	106	1,911	808	55	2,774	95	1.78	4.13	7.33	7,142
2008	106	2,103	911	48	3,062	95	1.73	4.04	7.48	7,678
2009	111	1,212	1,005	45	2,262	95	1.90	3.67	8.55	6,376
2010	100	671	470	48	1,189	93	1.58	3.75	8.01	3,207
Other										
2006	140	8,673	6,639	301	15,613	89	0.98	3.21	7.11	31,951
2007	127	8,184	8,007	279	16,470	90	1.48	3.54	6.72	42,332
2008	124	13,350	7,343	432	21,125	92	1.36	3.71	6.70	48,293
2009	143	8,894	8,094	639	17,627	93	1.72	3.82	6.57	50,415
2010	125	6,013	5,990	1,070	13,073	88	1.67	3.82	5.94	39,279